

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	(("5,796,630") or ("6,639,996") or ("3,673,425")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/18 10:12
L2	6	(("5,796,630") or ("6,369,996") or ("3,673,425")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/18 10:32
L3	9	(("5,796,630") or ("6,369,996") or ("3,673,425") or ("4,419,737")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/18 10:32
S1	2	("4591992").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/11 17:00
S2	194	relay same apparatus	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/11 17:01
S3	0	S2 same sample same hold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/11 17:01
S4	2	S2 same sample	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/11 17:02
S5	0	S2 same samples same voltage same current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/11 17:02
S6	32944	distance same relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/11 17:03
S7	322	relay same distanc	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/11 17:03

S8	32944	relay same distance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/11 17:03
S9	1129186	S8 same sample (voltage and current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/11 17:04
S10	6138	S8 same (sample (voltage and current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/11 17:05
S11	431	S10 and converter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/11 17:07
S12	0	S11 and filiters	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/11 17:08
S13	69	S11 and zone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/11 17:09
S14	25	S13 and fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/11 17:09
S15	10	("4591992").URPN.	USPAT	OR	OFF	2005/10/11 17:29
S16	2760	protective same relay	USPAT	OR	OFF	2005/10/11 17:29
S17	68	S16 same distance adj relay	USPAT	OR	OFF	2005/10/11 17:31
S18	3	S17 same converter	USPAT	OR	OFF	2005/10/11 17:30
S19	3	S17 same first adj3 relay	USPAT	OR	OFF	2005/10/11 17:30
S20	17	S17 same fault adj3 detect\$	USPAT	OR	OFF	2005/10/11 17:31
S21	6	S17 same logic	USPAT	OR	OFF	2005/10/11 17:31
S22	18	S17 same zone	USPAT	OR	OFF	2005/10/11 17:31
S23	0	("6873508").URPN.	USPAT	OR	OFF	2005/10/11 17:39

S24	14	("3732464" "4308565" "4321681" "4327392" "4453191" "4591992" "4686601" "4825327" "4896241" "5349490" "5808845" "5946174" "6369996" "6459960").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/11 17:39
S25	0	distance same relay same (sample adj hold circuit) same converter same (first adj directional adj relay) same (zone adj distance adj relay) same (fault adj detection adj relay) same (logic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/12 11:56
S26	6728	distance same relay same (sample adj hold circuit) same converter same (first adj directional adj relay) same (zone adj distance adj relay) same (fault adj detection adj relay) same (logic) 361/66,69,67,76,77, 79,80-86,94,115.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:40
S27	0	S26 same (voltage or current) same intervals	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 11:59
S28	0	S26 same (voltage or current) same cycles	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 12:00
S29	0	S26 same (voltage and current) same cycles	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 12:00
S30	0	S26 same (voltage and current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 12:00
S31	0	S26 same (((first and second) adj directional) adj relay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 12:02
S32	0	S26 same ((first and second) adj relay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 12:02

S33	0	S26 same directional	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 12:03
S34	676	S26 and directional	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 12:04
S35	159	S26 and (forward adj (directional))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 12:05
S36	150	S35 and (voltage and current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 12:06
S37	3264	S36 and (protect protection) (predetermined adj zone)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 12:08
S38	116	S36 and (protect protection)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 12:08
S39	0	S38 and (predetermined adj zone) NOT (protect protection)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 12:09
S40	0	S38 and (predetermined adj zone)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 12:09
S41	82	S38 and (predetermined)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 12:09
S42	18	S41 and (detect adj3 fault)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 12:14

S43	1	S42 and computation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 12:10
S44	37519	distance same relay (computation calculate calculation) same (detect adj3 fault)361/66,69,67,76,77,79, 80-86,94,115.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:42
S45	0	distance same relay adj3 (computation calculate calculation) same (detect adj3 fault)361/66,69, 67,76,77,79,80-86,94,115.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:43
S46	43696	distance same relay 361/66,69,67, 76,77,79,80-86,94,115.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:43
S47	962	S46 same (direction directional) adj3 relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:44
S48	2	S47 same (computation calculate calculation) same (detect adj3 fault)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:45
S49	22	S47 same (computation calculate calculation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 14:15
S50	1062	distance adj relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 14:53
S51	36	S50 same (sample samples sampling) same (voltage and current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 14:18
S52	1	S50 same (first second) adj3 (directional adj relay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 14:54

S53	174	S50 same (directional same relay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 14:54
S54	2	S53 same digital same data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 14:55
S55	5	S53 same data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:09
S56	2	("4591992").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/12 16:03
S57	4	"03270634"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/12 16:30
S58	3	("1738481").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/12 16:31
S59	3	("1738481").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/12 16:31
S60	4	("4021416").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/12 16:31
S61	4	("4021416").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/12 16:31
S62	1	("59123418").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/12 16:32

S63	28	digital same directional same distance same relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/12 17:21
S64	2	("4591992").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/13 10:21
S65	10	("4591992").URPN.	USPAT	OR	OFF	2005/10/13 10:21
S66	14	("3732464" "4308565" "4321681" "4327392" "4453191" "4591992" "4686601" "4825327" "4896241" "5349490" "5808845" "5946174" "6369996" "6459960").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/13 10:42
S67	2	("6369996").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/13 16:45
S68	0	("3-270634").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/13 16:46
S69	4	("3270634").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/13 16:46
S70	4	("3270634").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/13 16:46
S71	7	("2068989").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/13 16:47
S72	7	("2068989").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/13 16:47
S73	2592	((first same second) same directional) same relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 18:55

S74	345	S73 same (directional adj relay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 18:53
S75	20	S74 same (distance adj relay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 18:53
S76	99	((first same second) adj3 directional) same relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 18:55
S77	80	((first same second) adj2 directional) same relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 18:55
S78	58	((first same second) adj directional) same relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 18:56
S79	13	((first same second) adj directional) adj relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 18:56
S80	0	"10614832"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 13:23
S81	3	("4419737").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 13:28
S82	2	("6369996").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 13:39
S83	0	("secondadjdirectionaladjrelay").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 13:40

S84	15	second adj directional adj relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 13:49
S85	3110	second adj directional adj relay 361/66,69,67,78,79,80,81,83,88. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 16:48
S86	0	(10/614,832).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 14:45
S87	0	(10/614,832).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 14:46
S88	1	10/614,832	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 16:13
S89	2	("4,591,992").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 16:48
S90	11165	digital adj filters 361/66,69,67,78, 79,80,81,83,88.cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 16:50
S91	3096	simplified adj digital adj filters 361/66,69,67,78,79,80,81,83,88. cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 16:51
S92	462498	(simplified adj digital adj filters) (high adj precision adj digital filters) 361/66,69,67,78,79,80,81,83,88. cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 16:52
S93	3096	(simplified adj digital adj filters) same (high adj precision adj digital filters) 361/66,69,67,78,79,80,81, 83,88.cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 16:52

S94	3095	(simplified adj digital adj filters) adj (high adj precision adj digital filters) 361/66,69,67,78,79,80,81,83,88. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 16:53
S95	151053	digital adj data 361/66,69,67,78,79, 80,81,83,88.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 16:54
S96	148045	S95 same digital filiters	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 16:54
S97	0	S95 same digital adj filiters	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:02
S98	0	03-270634	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:02
S99	0	003-270634	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:02
S100	0	3-270634	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:02
S101	0	02-068989	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:03
S102	0	("3-270634").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:12
S103	9693	high same speed same filters	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:13

S10 4	201	S103 same simplified same filters	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:14
S10 5	31	S104 same digital same data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:15
S10 6	0	S105 same distance same relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:14
S10 7	32950	distance same relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:27
S10 8	24	S107 same (detecting adj fault)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:17
S10 9	0	S108 same (digital same filiters)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:17
S11 0	1	27same (digital same filiters)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:17
S11 1	0	S107 same (digital same filiters)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:18
S11 2	15	S107 same (digital same filters)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:18
S11 3	14	distance same relay same appartus	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:28

S11 4	9744	distance same relay same apparatus	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:28
S11 5	1	S114 same (digital adj3 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:29
S11 6	536	S114 same (filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:31
S11 7	7	S116 same digital same data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:30
S11 8	1938	361/18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:30
S11 9	0	S118 same filters	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:31
S12 0	0	S118 same filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:31
S12 1	1	S116 same (high adj precision)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:34
S12 2	33	S90 same (high adj precision)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/14 17:35
S12 3	20220	protection\$ same relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 17:36

S12 4	2081	S123 same (distance adj3 relay) (directional adj3 relay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 17:37
S12 5	2	digital adj directional adj distance adj relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 09:09
S12 6	33	digital same directional same distance same relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 09:09
S12 7	0	S126 same close adj fault same high adj speed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 09:10
S12 8	0	S126 same close adj fault adj detection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 09:10
S12 9	1	S126 same close adj up adj fault adj detection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 09:11
S13 0	33	S126 same (directional directional)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 09:11
S13 1	1	S126 same (directional directional) adj3 fault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 09:11
S13 2	0	S126 same overreach	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 09:31
S13 3	613	overreach	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 09:31

S13 4	112	S133 same prevent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 09:31
S13 5	2	S134 same filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 10:19
S13 6	2	("3,673,425").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/17 10:19
S13 7	20165	digital adj filter\$	US-PGPUB; USPAT	OR	OFF	2005/10/17 13:20
S13 8	2	S137 same distance same relay	US-PGPUB; USPAT	OR	OFF	2005/10/17 13:51
S13 9	105	S137 same relay	US-PGPUB; USPAT	OR	OFF	2005/10/17 13:51
S14 0	42	S139 same (speed time fast faster)	US-PGPUB; USPAT	OR	OFF	2005/10/17 14:04
S14 1	10	"6,369,996"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/17 14:05
S14 2	12	"4591992"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/17 14:19